KAUSHAL KUMAR SINGH

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Cybersecurity professional with hands-on experience in endpoint security, and firewall management, including deploying CrowdStrike Falcon and working with Palo Alto firewalls. Skilled in incident response, USB policy management, and data analytics, with a strong academic background in cybersecurity. Currently pursuing an MCA in Cyber Security, an individual eager to leverage my technical skills and collaborative experience in a dynamic role to enhance organisational security and drive innovative solutions.

**EXPERIENCE**

**Hitachi Systems India Pvt Ltd (Internship)**. **June 2024- September 2024**

* Gained hands-on experience **with CrowdStrike Falcon**, including deployment, configuration for workstations, and managing firewalls and **IOA and IOC policies**.
* Participated in a team project to deploy **CrowdStrike across 1400+ endpoints**, including configuration and optimisation of endpoint security.
* Assisted in incident response activities, supporting resolving security incidents and managing **host group configurations**.
* Implemented and managed **USB policies** to control data transfer and enhance endpoint security.

**SKILLS**

* **Technical Skills**

Endpoint Security(CrowdStrike EDR), Network Configuration & Management, Firewall & VPN, Troubleshooting.

* **Soft Skills**

Leadership, Teamwork, Time Management, Attention to Detail, Problem-Solving.

* **Tools**

CrowdStrike EDR, Pal Alto firewall, Linux, Shell (Bash), Wireshark.

**EDUCATION**

* **Master of Computer Applications- Cyber Security (M.C.A) Aug 2023 - Current** DY Patil International University, Pune
* **Bachelor of Computer Application (B.C.A) (8.99 FGPA) Jun 2020 - 2023**

Fr. Agnel College of Arts and Commerce, Pilar

**LICENSES & CERTIFICATIONS**

* [Certified Cybersecurity](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/Tata/gmf3ypEXBj2wvfQWC_Tata%20Group_T9SgvJDrZX4P2ShnJ_1710944033917_completion_certificate.pdf)  Nov 2024

Issued by ISC2

* Google IT Support Dec 2024

Issued by Coursera

* [Junior Cybersecurity Analyst Career Path](https://www.credly.com/earner/earned/badge/7667b41f-5071-46ec-99d4-83dc59b0338d) April 2024

Issued by Cisco

* [Google Cybersecurity](https://www.coursera.org/account/accomplishments/professional-cert/YJTZPL8LPSEL) April 2024

Issued by Coursera

* [Ethical Hacker](https://www.credly.com/earner/earned/badge/45d91670-2371-43a3-8ddd-1d7e27e976ef) April 2024

Issued by Cisco

* Mastercard Cybersecurity Virtual Experience Program March 2024

Issued by Forage

**PROJECTS**

**Mobile FornXpert**

* Developed a user-friendly GUI for data extraction from Android devices.
* Integrated malware detection for identifying potential threats.
* Ensured thorough security analysis of all extracted data.
* Enabled extraction of diverse data types (call logs, contacts, SMS, media files, etc.).

**QR-Enabled Food Ordering System**

* Managed customer and food item information, ensuring data integrity and confidentiality.
* Implemented encryption for sensitive data to protect customer information and transaction details.
* Validated all fields to prevent unauthorized access and incorrect data entry, applying secure coding practices.
* Designed and enforced access control policies to restrict unauthorized access.
* Implemented multi-factor authentication (MFA) to enhance user authentication and secure system access.

**Web-Based Application Development using RFID Technology**

* Developed a web-based app with RFID tech for secure data transmission.
* Collaborated with teams to address security vulnerabilities.
* Implemented robust security measures and an intuitive UI in front-end design.

**AWARDS**

* **2nd place in a state-level** Intercollegiate web page designing competition
* TCS Youth Exchange Certificate
* NCC- C Certificate.
* NCC-B Certificate.

**LANGUAGES**

English, Hindi, Marathi, Konkani

**EXTRACURRICULAR ACTIVITIES**

**NCC Volunteer**

* Active participant in NCC activities, including drills, camps, and community service.
* Demonstrated leadership, discipline, and teamwork.
* **Achieved B and C NCC Certificates** within NCC.

**Student Council Member**

* Elected by peers to collaborate on student-led initiatives.
* Addressed school issues affecting students.
* Organized school events and activities.
* Developed essential soft skills, including leadership, communication, and decision-making.

**HOBBIES**

Cycling, Photography, Tracking, Playing Chess.

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